



Atty. Dkt. No. 081356-0111

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Susmu KAJIWARA et al.

Title: METHODS OF PRODUCING CAROTENOIDS USING  
DNA MOLECULES ENCODING ISOPENTENYL  
PYROPHOSPHATE ISOMERASE

Appl. No.: 08/737,319

Filing Date: November 12, 1996

MAR 08 2004

Examiner: K. Kerr

Art Unit: 1652

AMENDMENT TRANSMITTAL

Commissioner for Patents  
PO Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Transmitted herewith is an amendment in the above-identified application.

[ X ] Amendment And Reply Under 37 CFR § 1.111.

[ ] Assertion of Small Entity status is enclosed.

[ X ] The fee required for additional claims is calculated below:

	Claims As Amended		Previously Paid For		Extra Claims Present		Rate		Additional Claims Fee
Total Claims:	5	-	20	=	0	x	\$18.00	=	\$0.00
Independents:	5	-	4	=	1	x	\$86.00	=	\$86.00
First presentation of any Multiple Dependent Claims:							+	\$290.00	= \$0.00
CLAIMS FEE TOTAL									= \$86.00

[ X ] Applicant hereby petitions for an extension of time under 37 C.F.R. §1.136(a) for the total number of months checked below:

<input checked="" type="checkbox"/>	Extension for response filed within the first month:	\$110.00	\$110.00
<input type="checkbox"/>	Extension for response filed within the second month:	\$420.00	\$0.00
<input type="checkbox"/>	Extension for response filed within the third month:	\$950.00	\$0.00
<input type="checkbox"/>	Extension for response filed within the fourth month:	\$1,480.00	\$0.00
<input type="checkbox"/>	Extension for response filed within the fifth month:	\$2,010.00	\$0.00
EXTENSION FEE TOTAL:			\$110.00
<input type="checkbox"/>	Statutory Disclaimer Fee under 37 C.F.R. 1.20(d):	\$110.00	\$0.00
CLAIMS, EXTENSION AND DISCLAIMER FEE TOTAL:			\$196.00
<input type="checkbox"/>	Small Entity Fees Apply (subtract ½ of above):		\$0.00
TOTAL FEE:			\$196.00

☒ A check in the amount of \$196.00 is enclosed.

☒ The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741. If any extensions of time are needed for timely acceptance of papers submitted herewith, applicant hereby petitions for such extension under 37 C.F.R. §1.136 and authorizes payment of any such extensions fees to Deposit Account No. 19-0741.

Please direct all correspondence to the undersigned attorney or agent at the address indicated below.

Respectfully submitted,

Date February 27, 2004

By 

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**UNITED STATES PATENT AND TRADEMARK OFFICE**

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AMENDMENT AND REPLY UNDER 37 CFR 1.111

Commissioner for Patents  
PO Box 1450  
Alexandria, Virginia 22313-1450

Sir:

This communication is responsive to the non-final Office Action dated October 28, 2003, concerning the above-referenced patent application. Applicants enclose a Petition for One-Month Extension of Time to make this response timely.

**Amendments to the Specification Title** are presented as a new Title presented on page 2 of this Amendment.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 3 of this document.

**Remarks/Arguments** begin on page 4 of this document.

Please amend the application as follows:

03/03/2004 MMEKONEN 00000082 08737319

01 FC:1201

86.00 OP

002.1135244.1

03/03/2004 MMEKONEN 00000082 08737319

110.00 OP

02 FC:1251